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18 April 1957

*file - Container, Clam  
type mk II*

## MEMORANDUM FOR THE RECORD

SUBJECT: Clam Project - Trip [ ] on April 4 and 5 to Discuss  
Progress of Clam Project

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1. Very substantial progress has been made on the Clam since my last visit. The molder had completed almost all modifications to the mold and produced several hundred clams so that [ ] would have them for test purposes. 25X1 The bottom cover seal is now very satisfactory and the outer edges have been rounded off to avoid the sharp corners. The size of the hole for the pencil snout was changed for a better fit. The size is a compromise to allow adequate sealing with the lowest tolerance snout size. This results in a fairly tight fit on the upper tolerance snout. The mold was sand-blasted to achieve a rough finish with good success. The detonator seal head was also given a tapered edge to facilitate assembly.

2. The only remaining molding problem was the difficulty in molding the magnet cases and since my trip, the molder has been successful in placing the magnets in the mold so it appears that all molding problems have now been solved.

3. The springs and metal brackets have been received from the sub-contractor and the magnets have been on hand for sometime so all the parts will be available soon after we give the word to the molder to produce the 1000 unit lot.

4. The assembly of the 1000 units will be handled by [ ] and that should be straightforward with the possible exception of the heat-sealing of the plastic insert. [ ] has developed successful sealing techniques but they are not yet quite suitable for production. 25X1

5. Since a policy decision was made to accomplish the testing in a separate program, [ ] will start on the final report in the near future. As of April 12, about \$3,000.00 remained uncommitted.

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